Amendment to the Claims:

The claims under examination in this application, including their current status and changes made in this paper, are respectfully presented.

1 (currently amended). A method for processing contents associated with blocks of a non-volatile memory, the non-volatile memory being associated with a memory system, the method comprising:

~~obtaining a first set of contents, the first set of contents being associated with a first logical group of first logical block, the first group including a first plurality of logical pages associated with the first logical block, the~~ mapping a first logical block ~~being substantially mapped~~ to a first physical block, the first logical block including a plurality of logical groups, each logical group including a plurality of logical pages, and the first physical group including a plurality of physical groups, each physical group including a plurality of physical pages;

writing a first set of contents associated with a first logical group of the first logical block to a first physical group of the first physical block;

writing ~~the first~~ a second set of contents, associated with logical pages of the first logical group, into a memory area;

writing the first set of contents from the first physical group of the first physical block and the second set of contents from the memory area into a first physical group of a second physical block, the second physical block including a plurality of physical groups, each physical group including a plurality of physical pages; and

mapping the second physical block to the first logical block.

2 (canceled).

3 (currently amended). The method of claim ~~2~~ 1 further including:

erasing the ~~second set of contents from the~~ first physical block; and

~~substantially~~ unmapping the first physical block from the first logical block.

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4 (currently amended). The method of claim 3 further including:

     erasing the ~~first~~ <u>second</u> set of contents from the memory area.

5 (canceled).

6 (currently amended). The method of claim ~~5~~ <u>1</u> wherein writing the first set of contents into the memory area includes overwriting ~~at least some of the second set of~~ contents <u>previously stored</u> in the memory area.

7 (original). The method of claim 6 wherein the memory area is a RAM cache.

8 (currently amended). The method of claim 1 wherein the ~~first~~ <u>second</u> set of contents includes an update associated with the first logical block.

9 (currently amended). The method of claim 1 further including:

     obtaining a third set of contents, the ~~first~~ <u>third</u> set of contents being associated with a second logical group of the first logical block, the second logical group including a second plurality of logical pages associated with the first logical block;

     writing the third set of contents into the memory area; and

     writing the third set of contents into a second physical group of the second physical block~~, the second physical group including a second plurality of physical pages associated with the second physical block~~.

10 (currently amended). The method of claim 9 ~~further including:~~

     ~~determining when there is substantially no other set of contents associated with the first logical block to be obtained,~~

     wherein <u>the steps of writing the first set of contents, and of writing the third set of contents to the second physical group of the second physical block, are performed responsive to determining</u> ~~when it is determined~~ that ~~there is substantially no other set of~~ <u>additional</u> contents <u>for the first logical block do not currently remain</u> to be ~~obtained~~ <u>written</u>~~, the first set of contents and the third set of contents are written into the memory area~~.

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11 (currently amended). The method of claim 10 wherein ~~the~~ determining ~~when there is substantially no other set of~~ contents associated with the first logical block <u>do not currently remain</u> to be ~~obtained~~ <u>written</u> includes determining ~~when~~ <u>that</u> a second logical block is to be updated.

12 (canceled).

13 (canceled).

14 (currently amended). The method of claim ~~13~~ <u>11</u> further including:
  erasing the ~~second set of contents from the~~ first physical block; and ~~substantially~~ unmapping the first physical block from the first logical block.

15 (canceled).

16 (canceled).

17 (currently amended). The method of claim 1 wherein the memory area is one of a third physical block ~~and~~ <u>or</u> a RAM cache.

18 (original). The method of claim 1 wherein the non-volatile memory is a NAND flash memory.

19 (currently amended). A method for processing updated contents associated with a first logical block within a non-volatile memory system, the first logical block being mapped to a first physical block, <u>the first logical block including a plurality of logical groups, each logical group including a plurality of logical pages, and the first physical block including a plurality of physical groups, each physical group including a plurality of physical pages,</u> the method comprising:
  receiving a first update associated with the first logical block, wherein the first update is an update to <u>contents of</u> a first logical group of the first logical block, the <u>contents of the</u> first logical group ~~being arranged to include a first plurality of logical pages associated with the first logical block~~ <u>having been written to a first physical group of the first physical block;</u>

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storing the first update into a cache;

determining ~~when~~ whether to store contents of the cache, including the first update, into a second physical block~~, the contents of the cache including the first update~~;

storing the contents of the cache into the second physical block ~~when it is determined~~ responsive to determining that the contents of the cache are to be stored into the second physical block, wherein storing the contents of the cache includes storing the first update into a first physical group in the ~~first~~ second physical block, the ~~first~~ second physical ~~group~~ block including a ~~first~~ a plurality of physical groups, each physical group including a plurality of physical pages included in the first physical group;

then mapping the second physical block to the first logical block after the contents of the cache are stored into the second physical block; and

unmapping the first physical block from the first logical block ~~after the contents of the cache are stored into the second physical block~~.

20 (currently amended). The method of claim 19 wherein determining ~~when~~ whether to store the contents of the cache into the second physical block includes determining ~~when~~ that a second logical block is to be processed~~, and wherein when it is determined that the second logical block is to be processed, the contents of the cache are stored into the second physical block~~.

21 (canceled).

22 (canceled).

23 (currently amended). The method of claim ~~22~~ 19 ~~further including: copying contents of the first physical block into the cache,~~ wherein ~~when the first update is stored into the cache,~~ the step of storing the first update ~~substantially~~ overwrites at least a portion of ~~the copied~~ previously stored contents associated with the first physical block.

24 (currently amended). The method of claim ~~23~~ 19 wherein the cache is a RAM cache.

25 (canceled).

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26 (canceled).

27 (currently amended). The method of claim ~~25~~ <u>19</u> further including:

      erasing the first physical block after at least some of the contents of the cache are stored into the second physical block.

28 (currently amended).   The method of claim ~~25~~ <u>19</u> wherein the cache is a physical block cache.